

Notice of Allowability

Application No.

09/894,125

Examiner

Brook Kebede

Applicant(s)

YAMAZAKI ET AL.

Art Unit

2823

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the RCE with amendment filed on March 16, 2007.
2. ☒ The allowed claim(s) is/are 2-17, 19-30 and 47-64.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 09/352,198.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Brook Kebede
BROOK KEBEDE
PRIMARY EXAMINER

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicants' submission filed on March 16, 2007 has been entered.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Eric J. Robinson on May 24, 2007.

3. The application has been amended as follows:

In the Claims:

In claim 2, line 9, change "crystallized" to -- recrystallized--.

In claim 2, line 11, change "crystallized" to -- recrystallized--.

In claim 3, line 10, change "crystallized" to -- recrystallized--.

In claim 3, line 12, change "crystallized" to -- recrystallized--.

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In claim 4, line 10, change "crystallized" to -- recrystallized--.

In claim 4, line 12, change "crystallized" to -- recrystallized--.

In claim 5, line 10, change "crystallized" to -- recrystallized--.

In claim 5, line 12, change "crystallized" to -- recrystallized--.

In claim 6, line 10, change "crystallized" to -- recrystallized--.

In claim 6, line 12, change "crystallized" to -- recrystallized--.

In claim 7, line 11, change "crystallized" to -- recrystallized--.

In claim 7, line 13, change "crystallized" to -- recrystallized--.

In claim 8, line 11, change "crystallized" to -- recrystallized--.

In claim 8, line 13, change "crystallized" to -- recrystallized--.

In claim 9, line 11, change "crystallized" to -- recrystallized--.

In claim 9, line 13, change "crystallized" to -- recrystallized--.

In claim 10, line 11, change "crystallized" to -- recrystallized--.

In claim 10, line 13, change "crystallized" to -- recrystallized--.

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In claim 11, line 11, change "crystallized" to -- recrystallized--.

In claim 11, line 13, change "crystallized" to -- recrystallized--.

In claim 12, line 11, change "crystallized" to -- recrystallized--.

In claim 12, line 13, change "crystallized" to -- recrystallized--.

In claim 19, line 10, change "crystallized" to -- recrystallized--.

In claim 19, line 12, change "crystallized" to -- recrystallized--.

In claim 20, line 11, change "crystallized" to -- recrystallized--.

In claim 20, line 13, change "crystallized" to -- recrystallized--.

In claim 47, line 10, change "crystallized" to -- recrystallized--.

In claim 47, line 12, change "crystallized" to -- recrystallized--.

In claim 48, line 11, change "crystallized" to -- recrystallized--.

In claim 48, line 13, change "crystallized" to -- recrystallized--.

In claim 59, line 10, change "crystallized" to -- recrystallized--.

In claim 59, line 12, change "crystallized" to -- recrystallized--.

Allowable Subject Matter

4. Claims 2-12, 19-30, 47-64 are allowed over prior art of record.

Reasons for Allowance

5. The following is an examiner's statement of reasons for allowance:

After further search and consideration of the amendment filed on March 16, 2007, it is determined that the prior art of record neither anticipates nor renders obvious the claimed subject matter of the instant application as a whole either taken alone or in combination, in particular, prior art of record does not teach "forming a gate insulating film over the recrystallized semiconductor film after the recrystallizing step; and forming an impurity region in the recrystallized semiconductor film after forming the gate insulating film," as recited in claims 2-12, 19, 20, 47, 48, and 59 respectively.

Claims 13-17, 21-30, 49-58, and 60-64 are also allowed as being directly or indirectly dependent of the allowed independent base claim.

Conclusion

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Correspondence

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brook Kebede whose telephone number is (571) 272-1862. The examiner can normally be reached on 8-5 Monday to Friday.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew S. Smith can be reached on (571) 272-1907. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Brook Kebede

Brook Kebede
Primary Examiner
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BK
May 25, 2007